

A G E N D A

OCONEE COUNTY COUNCIL MEETING

TUESDAY, JUNE 17, 1997

3:00 PM

1. Call to Order
2. Invocation
3. Approval of Minutes
4. Consideration of Request to Apply for State Historic Preservation Grant Not to Exceed \$10,000 for the Renovation of the Alexander-Cannon-Hill House - Mr. Alex James, PRT Director,
5. Consideration of Bids for Set-up, Paving & Overlay of County Parking Lots - Mr. Hoyt Orr, Road Foreman, Mr. Alex James, PRT Director & Mrs. Jenny Peay, Purchasing Assistant
6. Third & Final Reading of Ordinance 97-7, "1997-98 OCONEE COUNTY BUDGET ORDINANCE"
7. Old Business
8. New Business
9. Adjourn

Monday, June 16, 1997 7:00 pm Public Hearing regarding "1997-98 OCONEE COUNTY BUDGET ORDINANCE".

Prior to the regular Council Meeting at 3:00 pm there will be an open meeting June 17, 1997 at 2:30 pm in Council Chambers, 208 Booker Drive, Walhalla, SC for the public to express their concerns to Council. Anyone wishing to speak will need to sign in and give the subject on which they wish to express their concerns.

MEMBERS, OCONEE COUNTY COUNCIL

Ms. M. Fran Burrell, District I Mr. J. Harold Thomas, District II
Mr. Harry R. Hamilton, District III Mrs. Ann H. Hughes, District IV
Mr. Charles R. "Chuck" Timms, District V

MINUTES, OCONEE COUNTY COUNCIL MEETING

The regular meeting of the Oconee County Council was held Tuesday, June 17, 1997 at 3:00 pm in Council Chambers with all Council Members except Ms. Burrell present. Mr. Cain, County Attorney, was also present.

Members of the press notified (by mail):
Journal/Tribune, Keowee Courier, Westminster News, Anderson Independent, Greenville News, WGOG Radio, WSNW Radio, WCCP Radio, WPEK Radio, The Times Upstate, Northland Cablevision, WYFF TV, WSPA TV & WLOS TV.

Press

Members of the press present: Larry Williams
- Journal/Tribune.

The meeting was called to order by Supervisor
- Chairman Orr who welcomed the guests and media.

Call to Order

The invocation was given by Mr. Hamilton.

Invocation

Mrs. Hughes made a motion, seconded by Mr. Thomas, approved 4 - 0 that the minutes of the June 3, 1997 meeting be adopted as printed.

Minutes

Upon request of Mr. Alex James, PRT Drt., Mr. Timms made a motion, seconded by Mr. Thomas, approved 4 - 0 that Parks, Recreation & Tourism be given the authority to apply for a State Historic Preservation Grant not to exceed \$10,000 for the renovation of the exterior of the Alexander-Cannon-Hill House.

PRT

Upon recommendation of Mr. Hoyt Orr, Road Foreman, Mr. Alex James, PRT Director & Mrs. Jenny Peay, Purchasing Assistant, Mr. Thomas made a motion, seconded by Mrs. Hughes, approved 4 - 0 that the bid for the paving of certain county parking lots be awarded to US Azcon, Inc. who was low bidder \$83,173.50. (See attached bid sheet)

Parking Lots

Mr. Thomas made a motion, seconded Mr. Hamilton that Ordinance 97-7, "1997-98 OCONEE COUNTY BUDGET ORDINANCE" be adopted on third and final reading.

Ord. 97-7

Mr. Hamilton made a motion, seconded by Ms. Hughes, approved 4 - 0 that Ordinance 97-7, be amended to include an additional \$20,000 for Rosa Clark Clinic and the changes as delineated on the attached page.

The motion, as amended, was then adopted

Mr. Timms made a motion, seconded by Mr. Hamilton, approved 4 - 0 that Council secure firm plans for the attorney and engineer funded in the 1997-98 budget as well as a listing of the equipment that is needed for these two offices.

**Attorney
&
Engineer**

Mr. Hamilton made a motion, seconded by Mr. Thomas, approved 4 - 0 that the July 1, 1997 meeting of the Oconee County Council be cancelled.

**July 1
Meeting**

Mr. Thomas made a motion, seconded by Mrs. Hughes, approved 4 - 0 that Council meet with the Legislative Delegation every Monday beginning January, 1998 to discuss pending legislation.

**Leg.
Meets**

Mr. Thomas made a motion, seconded by Mrs. Hughes, approved 4 - 0 that Mr. Wayne Smalley be re-appointed to the Library Board, that Mr. Robert Owens be appointed to replace Mr. James H. Williams whose term expires June 30, 1997 and Mr. Williams be sent a letter of appreciation for his service on the board.

**Library
Appts**

Mrs. Hughes made a motion, seconded by Mr. Thomas, approved 4 - 0 that the county pursue having picnic tables placed in the lot adjacent to the 911 Office.

Tables

Mr. Timms made a motion, seconded by Mr. Hamilton, approved 4 - 0 that Parks, Recreation & Tourism begin working on a plan for a scenic pull-over on Highway 24 near the transformer station, to look into the possibility of available grants for same through the Heritage Corridor and, further to begin a study for the construction of a visitor's center on Highway 11.

PRT

Upon request of Mrs. Lombard, Finance Director, Mr. Hamilton made a motion, seconded by Mrs. Hughes, approved 4 - 0 that \$3,000 be taken from contingency and be placed into 010 074 00120 74125 to cover shift change salary for the remainder of this fiscal year.

**Overtime
(Cont'cy)**

After discussion Mr. Thomas made a motion, seconded by Mrs. Hughes, approved 4 - 0 that the county close only Phase I of the Seneca Landfill at this time.

Landfill

After more discussion Mr. Thomas made a motion, seconded by Mr. Timms, approved 3 - 1 (Mrs. Hughes voting against) that the county continue with Goldie & Associates as engineers for the landfill project at a total cost of \$60,970 for services (as per attached) to be rendered.

Minutes, Oconee County Council Meeting
Tuesday, June 17, 1997 - 3:00 pm
Page 3

Mr. Orr assigned to the Roads &
Transportation Committee the use of personal names as street
names in the county 911 system.

Roads

The committee scheduled a meeting Friday,
June 20, 1997 at 11:30 am at Chau Ram Park to discuss this matter.

Adjourn: 4:10 pm

Adjourn

Submitted By:

Opal O. Green
Opal O. Green
Council Clerk

Reviewed By:
Harrison E. Orr
Supervisor-Chairman
Oconee County Council

BIDDER	U S Azcon, Inc.	Hubbard Paving & Grading, Inc.	Pickens Construcion, Inc.	Sloan Construction Co., Inc.
Chau Ram Road	16,500.00	21,911.13	18,925.00	16,000.00
Chau Ram Secondary Parking	3,748.50	3,641.65	4,445.00	3,600.00
Chau Ram Dump Station	4,800.00	4,505.58	4,500.00	4,300.00
Chau Ram Drive to Shelter #2	1,624.50	2,520.82	3,175.00	3,200.00
Chau Ram Shelter #2 Parking	13,400.00	12,097.21	9,805.00	16,200.00
Chau Ram Shelter #1	500.00	427.79	1,475.00	800.00
Bath House Parking & Walkway	1,250.00	1,274.42	3,230.00	1,400.00
Handicap Campsite #17	1,085.50	916.69	2,735.00	1,200.00
High Falls Alexander Cannon Hill	7,345.00	6,927.11	7,665.00	10,200.00
High Falls Park Shop	2,870.00	2,578.42	3,100.00	5,100.00
High Falls Recreation Building/Main	13,500.00	14,306.25	17,878.00	15,864.00
Economic Development Parking Lot	3,700.00	2,719.42	3,770.00	3,900.00
Lakeview Rest Home Parking Lot	12,850.00	13,000.32	13,525.00	16,500.00
TOTAL	\$ 83,173.50	\$ 86,826.81	\$ 94,228.00	\$ 98,264.00
Completion Date	10-15-97	11-30-97	10-31-97	11-30-97
Attended Bid Opening: Marianne Dillard, Ann Albertson, Harrison Orr - Oconee County,				
Algin Hubbard - Hubbard Paving, Mike McCavley - Pickens Constr., Kimberlie Bland -				
US Azcon, Willie Adams - Sloan Constr.				

BID NO. 96-68

(Use this number on envelopes and all related correspondence.)

**BID FORM
OCONEE COUNTY PURCHASING DEPARTMENT
201 W. MAIN STREET, WALHALLA, SC 29691**

The U.S. Azcon, Inc.

submits herewith our Bid in response to bid request number shown above, and in compliance with the description(s) and/or specification(s) attached hereto for set up, paving and overlaying parking lots and roads for Oconee County

Chau-Ram Road	<u>9,16,500⁰⁰</u>	(L. S.)
Chau-Ram Secondary Parking	<u>+ 3,748.50</u>	(L. S.)
Chau-Ram Dump Station	<u>+ 4,800⁰⁰</u>	(L. S.)
Chau-Ram Drive to Shelter #2	<u>+ 1,624.50</u>	(L. S.)
Chau-Ram Shelter #2 Parking	<u>+ 13,400⁰⁰</u>	(L. S.)
Chau-Ram Driveway/Parking to Shelter #1	<u>+ 500⁰⁰</u>	(L. S.)
Bath House Parking Area & Walkway	<u>+ 1,250⁰⁰</u>	(L. S.)
Handicap Campsite #17	<u>+ 1,085⁵⁰</u>	(L. S.)
High Falls-Alexander Cannon Hill House R/W-P/A	<u>+ 7,345⁰⁰</u>	(L. S.)
High Falls-Park Shop Parking Area/Drive	<u>+ 2,870⁰⁰</u>	(L. S.)
High Falls-Recreation Building/Main Parking	<u>+ 13,500⁰⁰</u>	(L. S.)
Economic Development Parking Lot	<u>+ 3,700⁰⁰</u>	(L. S.)
Lakeview Rest Home Parking Lot/Area	<u>+ 12,850⁰⁰</u>	(L. S.)

Completion Date October 15, 1997

Bid shall include delivery to location stated on Bid Notice.

Show any exception, deviation, extra computation, or information on Bid Supplemental Form attached hereto.

Delivery Date: _____

Bidding Organization: U.S. Azcon, Inc

Mailing Address: 200 Sharon Church Road Greer SC 29645

Signature of Bidders Representative: Kimberly S. Bland

Title: President Date: 5/27/97

Telephone: 864-848-1441

Fax: 864-848-3063

BID SUPPLEMENTAL FORM
OCONEE COUNTY PURCHASING DEPARTMENT
201 WEST MAIN STREET
WALHALLA, SOUTH CAROLINA 29691

DATE: 5/27/97 BID NO 96-68

The U.S. Azcon, Inc. takes the following exceptions:
(Bidder)

All necessary rock excavation will
be billed separately at cost plus 10%.

SIGNATURE: Timberly S. Blanton

BID NO. 96-68

(Use this number on envelopes and all related correspondence.)

BID FORM
OCONEE COUNTY PURCHASING DEPARTMENT
201 W. MAIN STREET, WALHALLA, SC 29691

The President of Hubbard Paving & Grading, Inc.

submits herewith our Bid in response to bid request number shown above, and in compliance with the description(s) and/or specification(s) attached hereto for set up, paving and overlaying parking lots and roads for Oconee County

Chau-Ram Road	<u>21,911.13</u>	(L. S.)
Chau-Ram Secondary Parking	<u>3,641.65</u>	(L. S.)
Chau-Ram Dump Station	<u>4,505.58</u>	(L. S.)
Chau-Ram Drive to Shelter #2	<u>2,520.82</u>	(L. S.)
Chau-Ram Shelter #2 Parking	<u>12,097.21</u>	(L. S.)
Chau-Ram Driveway/Parking to Shelter #1	<u>427.79</u>	(L. S.)
Bath House Parking Area & Walkway	<u>1,274.42</u>	(L. S.)
Handicap Campsite #17	<u>916.69</u>	(L. S.)
High Falls-Alexander Cannon Hill House R/W-P/A	<u>6,927.11</u>	(L. S.)
High Falls-Park Shop Parking Area/Drive	<u>2,578.42</u>	(L. S.)
High Falls-Recreation Building/Main Parking	<u>14,306.25</u>	(L. S.)
Economic Development Parking Lot	<u>2,719.42</u>	(L. S.)
Lakeview Rest Home Parking Lot/Area	<u>13,000.32</u>	(L. S.)

Completion Date November 30, 1997

Bid shall include delivery to location stated on Bid Notice.

Show any exception, deviation, extra computation, or information on Bid Supplemental Form attached hereto.

Delivery Date: _____

Bidding Organization: Hubbard Paving & Grading, Inc.

Mailing Address: 5600 N. Hwy. 11, Walhalla, SC 29691

Signature of Bidders Representative: Algin Hubbard

Title: President Date: June 6, 1997

Telephone: 638-6427 Cellular 985-6139

Fax: 638-6427 (CALL BEFORE FAXING)

BID NO. 96-68

(Use this number on envelopes and all related correspondence.)

BID FORM
OCONEE COUNTY PURCHASING DEPARTMENT
201 W. MAIN STREET, WALHALLA, SC 29691

The Pickens Construction, Inc.

submits herewith our Bid in response to bid request number shown above, and in compliance with the description(s) and/or specification(s) attached hereto for set up, paving and overlaying parking lots and roads for Oconee County

Chau-Ram Road	<u>\$18,925.00</u>	(L. S.)
Chau-Ram Secondary Parking	<u>\$ 4,445.00</u>	(L. S.)
Chau-Ram Dump Station	<u>\$ 4,500.00</u>	(L. S.)
Chau-Ram Drive to Shelter #2	<u>\$ 3,175.00</u>	(L. S.)
Chau-Ram Shelter #2 Parking	<u>\$ 9,805.00</u>	(L. S.)
Chau-Ram Driveway/Parking to Shelter #1	<u>\$ 1,475.00</u>	(L. S.)
Bath House Parking Area & Walkway	<u>\$ 3,230.00</u>	(L. S.)
Handicap Campsite #17	<u>\$ 2,735.00</u>	(L. S.)
High Falls-Alexander Cannon Hill House R/W-P/A	<u>\$ 7,665.00</u>	(L. S.)
High Falls-Park Shop Parking Area/Drive	<u>\$ 3,100.00</u>	(L. S.)
High Falls-Recreation Building/Main Parking	<u>\$17,878.00</u>	(L. S.)
Economic Development Parking Lot	<u>\$ 3,770.00</u>	(L. S.)
Lakeview Rest Home Parking Lot/Area	<u>\$13,525.00</u>	(L. S.)

Completion Date October 31, 1997

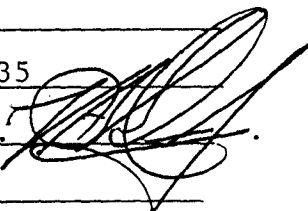
Bid shall include delivery to location stated on Bid Notice.

Show any exception, deviation, extra computation, or information on Bid Supplemental Form attached hereto.

Delivery Date: See above.

Bidding Organization: Pickens Construction, Inc.

Mailing Address: PO Box 5135, Anderson, SC, 29623-5135

Signature of Bidders Representative: William B. Pickens, Jr. 

Title: Vice President Date: June 11, 1997

Telephone: 864-224-8999

Fax: 864-231-8844

BID SUPPLEMENTAL FORM
OCONEE COUNTY PURCHASING DEPARTMENT
201 WEST MAIN STREET
WALHALLA, SOUTH CAROLINA 29691

DATE: June 11, 1997 BID NO 96-68

The Pickens Construction, Inc. takes the following exceptions:
(Bidder)

1. Chau Ram Dump Station: No warranty on this bid item unless specs changed to accomodate dumpster trucks. We recommend 3" Black Base and 1½" Surface at a price of \$8370.00
2. Handicap site #17: It will be hard to get this site exactly 25' wide without a good bit of cut and fill. This price will get within a couple of feet each way. To make exactly 25' X 60' price will be \$3,500.00.
3. Lakeview Rest Home: Cannot warranty road leading to dumpster. Again trash truck will tear up 4" of stone and 2" of asphalt.
4. We have figured our bids using 220 lbs. per sq. yd. to give you a full 2" of asphalt.

SIGNATURE: _____


William B. Pickens, Jr. Vice President

BID NO. 96-68

(Use this number on envelopes and all related correspondence.)

**BID FORM
OCONEE COUNTY PURCHASING DEPARTMENT
201 W. MAIN STREET, WALHALLA, SC 29691**

The SLOAN CONSTRUCTION COMPANY, INC. / TUGALO DIVISION

submits herewith our Bid in response to bid request number shown above, and in compliance with the description(s) and/or specification(s) attached hereto for set up, paving and overlaying parking lots and roads for Oconee County

Chau-Ram Road	<u>16,000.00</u>	(L. S.)
Chau-Ram Secondary Parking	<u>3,600.00</u>	(L. S.)
Chau-Ram Dump Station	<u>4,300.00</u>	(L. S.)
Chau-Ram Drive to Shelter #2	<u>3,200.00</u>	(L. S.)
Chau-Ram Shelter #2 Parking	<u>16,200.00</u>	(L. S.)
Chau-Ram Driveway/Parking to Shelter #1	<u>800.00</u>	(L. S.)
Bath House Parking Area & Walkway	<u>1,400.00</u>	(L. S.)
Handicap Campsite #17	<u>1,200.00</u>	(L. S.)
High Falls-Alexander Cannon Hill House R/W-P/A	<u>10,200.00</u>	(L. S.)
High Falls-Park Shop Parking Area/Drive	<u>5,100.00</u>	(L. S.)
High Falls-Recreation Building/Main Parking	<u>15,864.00</u>	(L. S.)
Economic Development Parking Lot	<u>3,900.00</u>	(L. S.)
Lakeview Rest Home Parking Lot/Area	<u>16,500.00</u>	(L. S.)
Completion Date <u>November 30, 1997</u>	<u>TOTAL</u>	<u>\$98,264.00</u>

Bid shall include delivery to location stated on Bid Notice.

Show any exception, deviation, extra computation, or information on Bid Supplemental Form attached hereto.

Delivery Date: 15 days after notice to proceed

Bidding Organization: Sloan Construction Company, Inc.

Mailing Address: P. O. Box 969, Toccoa, Georgia 30577

Signature of Bidders Representative: _____

Title: Tom Logue, Division Manager Date: June 11, 1997

Telephone: (706) 886-3164

Fax: (706) 886-5633

JUNE 17, 1997

CHANGES IN BUDGET FOR 3RD READING

DESCRIPTION	2ND READING 05/27/97	CHANGES	3RD READING 06/17/97
GENERAL FUND			
REVENUES			
*10-080-00805-09999 GF FUND BALANCE CARRY FWD	1,666,017.	- 75,712.	1,741,729.
TOTAL REVENUES		<u>75,712.</u>	
EXPENDITURES			
COUNTY GRANTS DEPARTMENT 2			
10-002-00150-24334 SALEM RECREATIONAL FUND	0	+ 500.	500.
TOTAL DEPARTMENT 2		<u>+ 500.</u>	
SHERIFF'S DEPARTMENT 4			
10-004-00110-00409 DEPUTY II/LITTER OFFICER	22,339.	- 1,282.	21,057.
10-004-00110-00414 DEPUTY I	21,273.	- 620.	20,653.
TOTAL DEPARTMENT 4		<u>- (1,902.)</u>	
SUPERVISOR DEPARTMENT 22			
10-022-00110-02207 EQUIPMENT OPERATOR I	21,082.	- 3,940.	17,142.
10-022-00110-02209 EQUIPMENT OPERATOR SPEC	22,339.	+ 1,120.	23,459.
10-022-00110-02217 EQUIPMENT OPERATOR I R/B	21,714.	- 4,572.	17,142.
10-022-00110-02220 EQUIPMENT OPERATOR II R/B	18,539.	+ 3,598.	22,137.
10-022-00110-02228 EQUIPMENT OPERATOR II	18,539.	+ 2,953.	21,492.
10-022-00150-22881 CAP EXP ROAD PAVING/BRIDGE	3,000,000.	- 1,725.	2,998,275.
TOTAL DEPARTMENT 22		<u>- (2,566.)</u>	
COMMUNICATIONS DEPART 31			
10-031-00150-00840 CAP EXP EQUIPMENT	24,563.	+ 80,712.	105,275.
TOTAL DEPARTMENT 31		<u>+ 80,712.</u>	
MAGISTRATE'S OFFICE DEPARTMENT 60			
10-060-00110-06003 SECRETARY II	22,150.	+ 201.	22,351.
		<u>+ 201.</u>	

* (1) \$80,712 ROLL OVER FOR COMMUNICATIONS

(2) I INCLUDED \$5,000. FROM DEPT 13 REGISTRATION & ELECTIONS WHICH WILL BE FOR CONTINGENCY OF NEEDED AND NOT A CARRY OVER

AGE 2
JUNE 17, 1997

CHANGES IN BUDGET FOR 2ND READING

DESCRIPTION	2ND READING 05/27/97	CHANGES	3RD READING 06/17/97
LAW ENFORCEMENT CENTER DEPARTMENT 74			
10-074-00110-07422 CORREC OFFICER I/ASST FOOD	18,539.	- 1,233.	17,306.
		- (1,233.)	
TOTAL ALL EXPENDITURES		75,712.	

PAGE 3
JUNE 17, 1997

CHANGES IN BUDGET FOR 2ND READING

DESCRIPTION	2ND READING 05/27/97	CHANGES	3RD READING 06/17/97
ROCK CRUSHER ENTERPRISE FUND			
REVENUES			
17-080-00805-15999 R/C RETAINED EARNINGS	0	+ 42,000.	42,000
TOTAL REVENUES		42,000.	
EXPENDITURES			
17-054-00150-00840 CAP EXPEND EQUIP	65,900.	+ 42,000.	107,900.
TOTAL EXPENDITURES		42,000.	

Oconee County Rock Quarry

686 Rock Crusher Road
Walhalla, SC 29691

Thomas S. Crumpton, Jr.
Director

(864) 638-4214
fax (864) 638-4215

Karen D. Kelley
Administrative Asst.

MEMORANDUM

TO: Finance Director

FROM: Thomas Crumpton, Director *TC*
Rock Quarry

SUBJECT: Sinking Fund Monies (for 1996-97 Budget)

DATE: June 12, 1997

We request that \$42,000.00 be transferred into our Sinking Fund out of 017-054-00150-00840 for proposed Maintenance Bay. The proposals that we received were in excess of the monies that we have in that line item. We are possibly going to put in for a new maintenance shop in our 1998-99 budget and would like to keep the \$42,000.00 in our Sinking Fund to help on the cost of a new maintenance shop.

Please keep in mind that the reasons that we did not build this budget year were beyond our control. Your attention in this matter is greatly appreciated. If you should have any questions or comments please feel free to contact me.

**PROPOSAL TO OCONEE COUNTY
FOR LANDFILL ENGINEERING SERVICES
PROJECT P97028
JUNE 17, 1997**

I. BACKGROUND

The Oconee County Solid Waste Department operates a Municipal Solid Waste Landfill (MSWLF) and Construction & Demolition Landfill (C&D) on a 75 acre tract of land two miles south of Seneca, South Carolina. As required by the South Carolina Department of Health and Environmental Control (DHEC), the MSWLF must be closed by June 1, 1998. In addition, the capacity is anticipated to run out for the C&D landfill by September 1997.

Presently Goldie & Associates, Inc. is assisting the County with closure design of the MSWLF, including locating borrow clay suitable for final closure. The original proposal for this work provided Goldie & Associates enough funds to evaluate up to four borrow sites with a total area of 120 acres. However, over the course of the project, nine sites with a total area of 250+ acres have been evaluated.

One of the borrow sites identified is located adjacent to the existing C&D Landfill. The use of this property as a borrow site is ideal because of its location, quality of soil and quantity of soil. Although the quantity of soil is not sufficient to meet all the needs for landfill closure, use of this soil could meet as much as 50% of soil needed for closure.

Furthermore, the use of this site is ideal since it is adjacent to the present C&D landfill. Expansion of the present C&D Landfill into this area could occur with little change in infrastructure associated with landfill operations. In addition, with the borrow site activities on this land a significant amount of site preparation for the C&D landfill will have been accomplished.

However, with the investigation of nine sites, the availability of funds to complete the borrow site investigation for this property are not available. Therefore addition funds will be necessary to meet the needs.

As a result of these facts, we propose the following:

1. Prepare a Permit Application and Design for a C&D Landfill located on the Hospital Property;
2. Concurrently, prepare Engineering Design Materials related to mining of clay from this site including Soil Testing, Surveying, and Preparation of a Storm Water and Sediment Control Design package for DHEC submittal.

The combined uses of this property would lead to cost savings for the county since both functions have overlapping tasks.

II SCOPE

To meet the goals addressed above, we offer the following scope:

Recommendation

1. Conceptual Design to DHEC - Our first step would be to inform DHEC in writing of the County's intention to use the site for multiple uses. We would even petition DHEC to allow all design material related to both the borrow site and C&D design to be reviewed by one group (Solid Waste) within DHEC. The scope of this work includes submitting preliminary drawings to DHEC regarding the County's plans and a letter report explaining the scope of the project.

\$ 650.00

Required Items

2. Permit Application Design Submittal - The remainder of the project would consist of the preparation of the Permit Application Design. Due to the immediacy of proceeding with Design for the C&D portion, this work would begin prior to receiving a response to DHEC regarding Conceptual Design. The Permit Application Design would follow the format of DHEC Regulation R. 61-107.11, Part IV for Long Term Construction, Demolition, and Land-Clearing Debris Landfills, and would consist of the following:

A. Application Form - Complete the Cover Form \$ 100.00

B. Construction Plans and Specifications prepared by a South Carolina Licensed Professional Engineer which includes property boundaries, topographic survey, land use/zoning within 1/4 mile of the disposal area, location of surface water bodies, etc. within 1/4 mile of the disposal area, and site conditions and projected use including structures, buildings, fences, gates, and roads. This includes a property boundary survey.

\$ 12,825.00

C. Engineering Report Preparation including

- * Topographic Map,
- * A Description Of Source And Cover Material,
- * Frequency Of Covering
- * Depth Of Disposal Area
- * Final Contours Of The Finished Landfill Area
- * A General Operating Plan For The Proposed Facility Including Expected Life, Maximum Volume And Maximum Rate That Waste Will Be Received,
- * Method For Inspecting And Measuring Incoming Waste
- * Procedures For:
 - Control Of Storm Water Drainage
 - Prevention Of Fires
 - Control Of Vectors
 - Odor Control
 - Dust Control

- Hours Of Operation

- * List Of Equipment To Be Used
- * A Contingency Plan Describing Landfill Operation In The Event Of Equipment Failure
- * A List Of Items That Are Not In Appendix I Of The C&D Regulation That The County Would Like To Place In The Landfill
- * A Detailed Closure Plan

\$ 8,500.00

D. Property boundary survey. This would meet both DHEC requirements for permit application and also meet property transfer requirements.

\$ 3,200.00

E. Preparation of a hydrogeologist Report on Seasonal High Water Table including drilling using hollow stem auger and installation of 5 temporary piezometers. Piezometers will consist of 2 inch diameter Sch 40 PVC monitoring wells to approximately 45 feet depth using 4 1/4 inch hollow stem augers with 5 foot split spoons. Temporary wells will have sand pack, bentonite seal and grout to surface emplaced with no surface pad as directed by DHEC.

\$ 12,950.00

3. Borrow Site Plan Preparation for Hospital Site including:

- * Excavation of 12 soil pits (in addition to pits previously dug)
- * Testing of Soils from 6 of the pits
- * Topographic Survey of Site
- * Development of Storm Water/Erosion Control Plan
- * Plan Submittal to DHEC

\$ 24,500.00
(for 38 acre site)

If conducted in conjunction with A-D above, only

\$ 14,350.00

4. Staking

A. PRESENT C&D LANDFILL: Given the timing of the expiration of the present C&D permit, the County will most likely have to operate beyond the expiration date in this area. We project that DHEC will allow this as long as the County continues remains within the permitted area. We recommend that to assure that this anticipated condition is met that a staking survey be conducted that delineates the horizontal and vertical boundaries of the

Recommended

present C&D landfill. This staking will include the installation of markers at 100 foot on center showing limits of the C&D footprint. Temporary markers will also be installed within the landfill showing the final proposed grade elevations per the original design.

\$ 2,965.00

B. NEW C&D LANDFILL: Conduct construction staking of new C&D Landfill indicating waste cell boundaries, sediment pond locations, and access roads. This staking would occur for the initial trench upon acceptance of plan by DHEC and for the remainder of the site following removal of the clay and other soil for use on the MSWLF.

\$ 2,400.00

5. Closure Certification

Required
Upon closure of the present C&D landfill, as required by DHEC, an engineer must certify that the landfill was closed following design plans and specifications. To meet this requirement, we will conduct an As-Built Survey to determine final grade contours and that the landfill footprint is within the footprint of the design drawing. We will then excavate the final cover at approximately one hole per acre to determine that proper cover requirements have been met. Our costs for this task assumes that the County will supply a backhoe and operator to assist with this task. A short letter report and drawings will be submitted to DHEC regarding the findings of our field work.

\$3,500.00

III. COSTS SUMMARY

The cost to provide these services is as follows:

1. Conceptual Design	\$ 650.00
2. Permit Application	\$ 37,575.00
3. Borrow Site Plan Preparation	\$ 14,350.00
4. Staking	
Present C&D Landfill	\$ 2,495.00
New C&D Landfill	\$ 2,400.00
5. Closure Certification	\$ 3,500.00
TOTAL	\$ 60,970.00

Option #5 - Maximize County Property - Pruitt 2 as contingency

Site	Yards	Cost Per Yard		
Hospital	35,000	\$	12.40	\$ 434,000
Landfill	10,000	\$	16.88	\$ 168,800
Airport	17,496	\$	9.87	\$ 172,686
Pruitt 2	15,000	\$	9.27	\$ 139,050
	77,496			\$ 914,536
<i>Contingency</i>				
Pruitt 2	26,935	\$	9.27	

+ Advantages:

- * property behind landfill would be cleared for future use
- * good option if hospital site cleared for C&D
- * get Erosion Layer soil from either Hospital or Landfill
- * 81 % of property owned by County

- Disadvantages

- * Multiple Sites - more difficult to control soil quality
- * Expensive Option
- * Coordinate Project with Airport Expansion
- * Depending upon County obtaining Hospital Property
- * C&D would have to be limited to non clay areas prior to removing clay
- * Two Agency review of Plans
- * Public Hearings on Mining

Sheet1

ESTIMATED PER YARD COSTS FOR GETTING CLAY TO LANDFILL - SENECA LANDFILL
as of May 22, 1997

site	per yard costs	yards	
K&M Site (Fruit Site #1 (P2-P4))	\$ 8.14	40,805	no clear&grub; large yardage
Fruit Site #2 (P4)	\$ 9.27	26,935	66
Airport Site	\$ 9.87	17,496	83
Friendship Road Site	\$ 9.98	21,384	101
Hospital Site	\$ 12.40	35,000	139
Behind Landfill	\$ 16.88	10,000	clear & grub; small yardage

per yard cost to cost to get CLAY to landfill only (not total costs)

Behind Landfill			
Borrow Site Preparation	\$ 132,862.00	\$ 121,586.00	\$ 178,816.00
Excavating Clay (10,000 yds @ 1.70/yd)	\$ 17,000.00	\$ 17,000.00	\$ 17,000.00
Hauling Clay (10,000 yds @ \$ 1.70/yd)	\$ 17,000.00	\$ 17,000.00	\$ 17,000.00
Clay Cost (purchasing)	\$ -	\$ -	\$ -
Extra Mobilization	\$ -	\$ -	\$ -
Income From Tree Harvest	\$ (10,000.00)	\$ (10,000.00)	\$ (10,000.00)
TOTAL COST	\$ 156,862.00	\$ 145,586.00	\$ 203,816.00
Number of Yards	10,000		
COST PER YARD	\$ 15.69	\$ 14.56	\$ 20.38
AVERAGE COST PER YARD	\$ 16.88	Cost w/out prep->	\$ 2.40

Hospital Site			
Borrow Site Preparation	\$ 282,311.00	\$ 278,841.00	\$ 408,331.00
Excavating Clay (35,000 yds @ 1.70/yd)	\$ 59,500.00	\$ 59,500.00	\$ 59,500.00
Hauling Clay (35,000 yds @ \$ 1.70/yd)	\$ 59,500.00	\$ 59,500.00	\$ 59,500.00
Clay Cost (purchasing)	\$ -	\$ -	\$ -
Extra Mobilization	\$ -	\$ -	\$ -
Income From Tree Harvest	\$ (10,000.00)	\$ (10,000.00)	\$ (10,000.00)
TOTAL COST	\$ 387,311.00	\$ 387,841.00	\$ 517,331.00
Number of Yards	35,000		
COST PER YARD	\$ 11.35	\$ 11.08	\$ 14.78
AVERAGE COST PER YARD	\$ 12.40	Cost w/out prep->	\$ 3.11

K&M Site (Fruit Site #1 (P2-P4))			
Borrow Site Preparation	\$ 69,602.00	\$ 63,741.00	\$ 107,068.00
Excavating Clay (26935 yds @ 1.70/yd)	\$ 45,789.50	\$ 45,789.50	\$ 45,789.50
Hauling Clay (26935 yds @ \$ 2.92/yd)	\$ 78,650.00	\$ 78,650.00	\$ 78,650.00
Clay Cost (purchasing)	\$ 35,016.00	\$ 35,016.00	\$ 35,016.00
Extra Mobilization	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
TOTAL	\$ 238,057.50	\$ 233,186.50	\$ 276,524.50
Number of Yards	26,935		
COST PER YARD	\$ 8.88	\$ 8.65	\$ 10.27
AVERAGE COST PER YARD	\$ 9.27	Cost w/out prep->	\$ 8.28

Airport Site			
Borrow Site Preparation	\$ 67,292.00	\$ 61,277.00	\$ 103,171.00
Excavating Clay (17496 yds @ 1.70/yd)	\$ 29,743.20	\$ 29,743.20	\$ 29,743.20
Hauling Clay (17496 yds @ \$ 3.18/yd)	\$ 55,637.28	\$ 55,637.28	\$ 55,637.28
Clay Cost (purchasing)	\$ -	\$ -	\$ -
Extra Mobilization	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
TOTAL	\$ 162,672.48	\$ 156,657.48	\$ 198,551.48
Number of Yards	17,496		
COST PER YARD	\$ 9.30	\$ 8.95	\$ 11.35
AVERAGE COST PER YARD	\$ 9.87	Cost w/out prep->	\$ 5.45

Fruit Site #1 (P4)			
Borrow Site Preparation	\$ 68,482.00	\$ 61,368.00	\$ 99,098.00
Excavating Clay (40805 yds @ 1.70/yd)	\$ 69,368.50	\$ 69,368.50	\$ 69,368.50
Hauling Clay (40805 yds @ \$ 2.92/yd)	\$ 119,150.60	\$ 119,150.60	\$ 119,150.60
Clay Cost (purchasing @ 1.40/yd)	\$ 57,127.00	\$ 57,127.00	\$ 57,127.00
Extra Mobilization	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
TOTAL	\$ 324,128.10	\$ 317,014.10	\$ 354,744.10
Number of Yards	40,805		
COST PER YARD	\$ 7.94	\$ 7.78	\$ 8.69
AVERAGE COST PER YARD	\$ 8.14	Cost w/out prep->	\$ 6.27

Friendship Road Site			
Borrow Site Preparation	\$ 571,917	\$ 566,650	\$ 1113,316
Excavating Clay (21384 yds @ 1.70/yd)	\$ 36,352.80	\$ 36,352.80	\$ 36,352.80
Hauling Clay (21384 yds @ \$ 2.50/yd)	\$ 53,460.00	\$ 53,460.00	\$ 53,460.00
Clay Cost (purchasing @ 1.40/yd)	\$ 29,937.60	\$ 29,937.60	\$ 29,937.60
Extra Mobilization	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
TOTAL	\$ 201,687.80	\$ 196,500.78	\$ 243,668.52
Number of Yards	21,384		
COST PER YARD	\$ 9.43	\$ 9.15	\$ 11.37
AVERAGE COST PER YARD	\$ 9.98	Cost w/out prep->	\$ 8.07

Sheet 2

SOIL NEEDS	75,856 yards clay
18% Contingency	11,384
TOTAL	87,240 yards clay

3-Jun-97

Option #1 - Minimum Cost

Site	Yards	Cost Per Yard		
KAM (Pratt)	40,000	\$ 8.14	\$	325,600
Fruitt 2	28,935	\$ 9.27	\$	249,887
Airport	10,000	\$ 9.87	\$	98,700
	78,935		\$	674,187
Contingency				
Airport	7,498	\$ 9.87		
+ Advantages:				
* Two Areas only - Pruitt and Airport				
- Disadvantages:				
* Need Place to Burn Stumps/Brush				
* Have to Buy and/or haul borrow soil				
* Coordinate with Airport Expansion				
* 87% of soil dependent upon whim of private land owners				
* Two Agency review of Plans				
* Public Hearings on Mining				
* All Sites Distant				

Option #2 - Use Hospital Site to Begin C&D Landfill

Site	Yards	Cost Per Yard		
Hospital	35,000	\$ 12.40	\$	434,000
KAM (Pratt)	40,000	\$ 8.14	\$	325,600
	75,000		\$	759,600
Contingency				
Fruitt 2	28,935	\$ 9.27		
+ Advantages:				
* good option if hospital site cleared for C&D				
* may be able to get all soil off of two sites only				
* contingency site right next to second site				
* can get Erosion Layer soil from Hospital				
- Disadvantages:				
* 50% of soil dependent upon whim of private land owners				
* C&D would have to be limited to non clay areas prior to removing clay				
* Two Agency review of Plans				
* Public Hearings on Mining				

Option #3 - Same as Option#2 except diff. cont.

Site	Yards	Cost Per Yard		
Hospital	35,000	\$ 12.40	\$	434,000
KAM (Pratt)	40,000	\$ 8.14	\$	325,600
	75,000		\$	759,600
Contingency				
Landfill	10,000	\$ 16.88		
+ Advantages				
SAME AS OPTION 2 except				
* contingency site right next to landfill				
* contingency would be controlled by County not Private				
- Disadvantages				
SAME AS OPTION 2 except				
* contingency would be more expensive and would yield less soil				

Option #4 - Maximize County Property - Pruitt 1 as cont.

Site	Yards	Cost Per Yard		
Hospital	35,000	\$ 12.40	\$	434,000
Landfill	10,000	\$ 16.88	\$	168,800
Airport	17,498	\$ 8.87	\$	172,888
KAM (Pratt)	15,000	\$ 8.14	\$	122,100
	77,498		\$	897,588
Contingency				
KAM (Pratt)	25,000	\$ 8.14		
+ Advantages:				
* Only 20% of soil dependent upon whim of private land owners				
* property behind landfill would be cleared for future use				
* good option if hospital site cleared for C&D				
* get Erosion Layer soil from either Hospital or Landfill				
- Disadvantages				
* Multiple Sites - more difficult to control soil quality				
* Expensive Option				
* Coordinate Project with Airport Expansion				
* C&D would have to be limited to non clay areas prior to removing clay				
* Two Agency review of Plans				
* Public Hearings on Mining				

Option #5 - Maximize County Property - Pruitt 2 as contingency

Site	Yards	Cost Per Yard		
Hospital	35,000	\$ 12.40	\$	434,000
Landfill	10,000	\$ 16.88	\$	168,800
Airport	17,498	\$ 9.87	\$	172,888
Fruitt 2	15,000	\$ 9.27	\$	139,050
	77,498		\$	914,538
Contingency				
Fruitt 2	11,935	\$ 9.27		
+ Advantages:				
* same as Option #4 except diff. landowner				
- Disadvantages				
* same as Option #4 except higher cost				